

ABSTRACT OF THE DISCLOSURE

A vehicular drive shaft assembly is balanced about an axis of rotation. The vehicular drive shaft assembly includes a drive shaft tube having a first end and a second end, with a first tube yoke including a first radially outer wall fixedly mounted to the first end of the drive shaft tube. A first balance pendulum is located radially inward of the first outer wall and rotationally fixable relative to the first tube yoke, and a second balance pendulum is located radially inward of the first outer wall and is also rotationally fixable relative to the first tube yoke. The balance pendulums can be rotated before being locked in place in order to account for imbalances in the drive shaft assembly. A second tube yoke fixedly mounted to the second end of the drive shaft tube may also include balance pendulums, similar to the first, in order to provide additional drive shaft assembly balancing capabilities.